

Application No. 10/824,205
Response dated January 4, 2005
Reply to Office Action of December 9, 2004

IN THE SPECIFICATION:

On page 1, please delete the paragraph starting on line 6 through line 7.

On page 1, please delete the paragraph starting on line 8 through line 15.

On page 2, please amend the paragraph starting on line 6 through line 10 as follows:

Collector motor-wheels with no reduction gear, in which the rotation of the wheel is brought about directly by the electromagnetic interaction of magnetic stator-and-rotor system, are known (SU 628008 A, ~~05.10.1978~~ October 15, 1978; SU 910480 A, ~~07.03.1982~~ March 7, 1982; SU 1725780 A3, ~~07.04.1992~~ April 7, 1992; US 5,164,623 B1 November 17, 1992, US 6,492,756 B1, ~~10.12.2002~~ December 10, 2002 - all references mentioned herein are incorporated herein by reference).

On page 6, lines 18-26, please amend the paragraph as follows:

The set number of permanent magnets in the stator must be compatible with the set number of pairs of such circuits. Thus, the variant of the motor in accordance with Figs. 1 and 2 with two resonant circuits must have a stator with 10 permanent magnets and with precisely the same number of conducting plates (9) of the collector distributor. The overall relationship of the ratios of resonant circuits and number of permanent magnets is determined from the equations $n=10+4k$, ~~$m=4+k$~~ $m=2+k$, where n is the number of magnets, m is the number of circuits and k is a whole number ($k=0,1,2,3\dots$). On the basis of these equations, for 14 stator magnets, there should be three resonant circuits, and so on.